

Title (en)  
VARIED MULTILAYER MEMRISTIVE DEVICE

Title (de)  
UNTERSCHIEDLICHE MEHRSCICHTIGE MEMRISTIVE VORRICHTUNG

Title (fr)  
DISPOSITIF MEMRISTIF VARIÉ MULTICOUCHE

Publication  
**EP 2826067 A1 20150121 (EN)**

Application  
**EP 12871063 A 20120316**

Priority  
US 2012029512 W 20120316

Abstract (en)  
[origin: WO2013137913A1] A varied multilayer memristive device includes a first memristive device stacked on a second memristive device. The physical parameters of the second memristive device differ from physical parameters of the first memristive to account for thermal budgeting differences present during formation processes for the memristive devices to reach specified performance parameters.

IPC 8 full level  
**H01L 27/24** (2006.01); **H01L 45/00** (2006.01)

CPC (source: EP US)  
**H10B 63/84** (2023.02 - EP US); **H10N 70/021** (2023.02 - US); **H10N 70/24** (2023.02 - EP US); **H10N 70/245** (2023.02 - US);  
**H10N 70/826** (2023.02 - EP US); **H10N 70/8416** (2023.02 - US); **H10N 70/861** (2023.02 - US); **H10N 70/8833** (2023.02 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2013137913 A1 20130919**; CN 104081524 A 20141001; EP 2826067 A1 20150121; EP 2826067 A4 20151104;  
KR 20140135149 A 20141125; US 2014374693 A1 20141225

DOCDB simple family (application)  
**US 2012029512 W 20120316**; CN 201280068485 A 20120316; EP 12871063 A 20120316; KR 20147020735 A 20120316;  
US 201214373478 A 20120316